

STTR FY02 PH I By Topic

TOPIC	COMPANY	TITLE
ARMY02-T001	Twilight Training	Leader Self-Development Support Program with Classroom and Web-Based Components
ARMY02-T001	The Davis Nelson Company	Underlying Cognitive Processes of Leadership Behavior & Development
ARMY02-T001	Mirum Corporation	Promoting Realistic Self-Assessment as the Basis for Effective Leader Self-Development
ARMY02-T002	Physical Sciences Inc.	Terahertz (THz) - Frequency Differential-Absorption Spectrometer for Remote Biological Agent Detection
ARMY02-T002	Physical Domains	THz Differential Absorption Radar for Bioparticulate Detection
ARMY02-T002	Picotronix, Inc. dba Picometrix	Terahertz (THz) - Frequency Differential-Absorption Spectrometer for Remote Biological Agent Detection
ARMY02-T003	Simmetrix, Inc.	Toolkit to Support Parallel Adaptive Computations on Unstructured Meshes
ARMY02-T004	Frontier Technology, Inc.	Analysis and Characterization of Pattern Classifiers
ARMY02-T004	Charles River Analytics Inc.	Real-time Adaptive Classification Environment using Rules (RACER)
ARMY02-T005	Linden Photonics Inc.	Micromachined, Three-Dimensionally Integrated RF or RF-Optoelectronic Circuit Components
ARMY02-T005	Avanti Optics Corp.	Layered, 3-D RF/Optoelectronic Microstructures with Precision Kinematic Mount
ARMY02-T005	EMAG Technologies, Inc.	Micromachined, Three-Dimensionally Integrated RF or RF-Optoelectronic Circuit Components
ARMY02-T008	T/J Technologies, Inc.	Novel Membranes and Intermediate Temperature Fuel Cells
ARMY02-T008	NexTech Materials, Ltd.	Low Temperature Fuel Cells Based on Proton Conducting Ceramic Membranes
ARMY02-T008	NuVant Systems, LLC	Compact Intermediate-Temperature Fuel Cells
ARMY02-T009	Nomadics, Inc.	Detection of Infectious Bacteria in Water
ARMY02-T009	Analytical Biological Services Inc.	Fluorescent Coated Filters for Detection of Biological Warfare Agent Microorganisms in Water
ARMY02-T009	Sensera, Inc.	Fluorescent Coated Filters for the Detection of Biological Warfare Agents in Water
ARMY02-T010	CRYO Industries of America, Inc.	Magnetic Resonance Force Microscopy
ARMY02-T010	Pixon LLC	Essential Image Processing for Magnetic-Resonance Force Microscopy
ARMY02-T010	Xidex Corporation	Nuclear Magnetic Resonance Force Microscopy Using Ultrasensitive Oscillators
ARMY02-T012	Luna Innovations Incorporated	Fluorescent, Polymerized, Affinity Liposomes for the Detection of Bacterial Toxins
ARMY02-T012	Analytical Biological Services Inc.	Fluorescent Liposomes for Detection of Biological Warfare Agent Toxins in Water
ARMY02-T012	Dakota Technologies, Inc.	Development of fluorescent liposomes to detect biological toxins using fluorescence resonance energy transfer
ARMY02-T013	Electrophorics Inc.	Inert metal encapsulation of magnetic particles for improved magnetic field effects at fuel cell electrodes
ARMY02-T013	Giner Electrochemical Systems, LLC	Magnetically-Enhanced PEM Fuel Cells for Carbon Monoxide Containing Reformates

ARMY02-T013	FuelCell Energy, Inc.	Field-Enhanced Carbon Monoxide Tolerance of Polymer Electrolyte Membrane (PEM) Fuel Cells
ARMY02-T014	Physical Sciences Inc.	Detection of Liquids on Surfaces using Long Wave Infrared Hyperspectral Imaging Spectroradiometer
ARMY02-T014	Surface Optics Corporation	Detection of Liquids on Surfaces using Long Wave Infrared Hyperspectral Imaging Spectroradiometer
ARMY02-T014	Pacific Advanced Technology	Detection of Liquids on Surfaces using Long Wave Infrared Hyperspectral Imaging Spectroradiometer
ARMY02-T015	DBC Technology Corp.	Standoff Chemical/Biological Sensor Detection Algorithms
ARMY02-T015	Spectral Sciences, Inc.	3D Lidar Simulation Model for Development and Validation of Biological and Chemical Agent Detection and Identification Algorithms
ARMY02-T016	Maxwell Sensors Corp.	Rapid ATP-Glow for Biological Decontamination Efficacy Test
ARMY02-T016	Luna Innovations Incorporated	Viability Assay for Monitoring Decontamination of Pathogenic Bacteria
ARMY02-T016	Advanced Cytometry Instrumentation Systems	Novel Methods for Rapid Monitoring of Decontamination Efficacy
ARMY02-T017	Aptima, Inc.	Telemedicine and Advanced Medical Technology - Refined Training Tools for Medical Readiness
ARMY02-T017	Limbs & Things, Inc	Telemedicine and Advanced Medical Technology - Refined Training Tools for Medical Readiness
ARMY02-T017	SimQuest International, Inc.	Telemedicine and Advanced Medical Technology - Refined Training Tools for Medical Readiness
ARMY02-T018	Morphotek Inc	Systems For Alternate Sources Of Thrombin And Fibrinogen For Human Use
ARMY02-T018	Sea Run Holdings, Inc.	Salmon clotting proteins for human bandages
ARMY02-T019	Toyon Research Corp.	Generalized Linear Mixed-Effects Models in R
ARMY02-T019	Scientific Systems Company, Inc	Novel Statistical Estimation Algorithms and Tools for Binomial and Multinomial Longitudinal Data
ARMY02-T019	Insightful, Inc. (formerly MathSoft, Inc.)	Statistical Methods for Multinomial Data with Multilevel Structures